

SEQUENCE LISTING

(1) GENERAL INFORMATION

(i) APPLICANT: Rao, A. Gururaj
Beach, Larry

(ii) TITLE OF THE INVENTION: High Lysine Derivatives of
Alpha-Hordothionin

(iii) NUMBER OF SEQUENCES: 1

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Pioneer Hi-Bred International, Inc.
(B) STREET: 7100 NW 62nd Avenue, P.O. Box 1000
(C) CITY: Johnston
(D) STATE: IA
(E) COUNTRY: USA
(F) ZIP: 50131

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: FastSEQ for Windows Version 2.0

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/838,763
(B) FILING DATE: 10-APR-1997

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/575,654
(B) FILING DATE: 20-DEC-1995

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/003,885
(B) FILING DATE: 13-JAN-1993

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: BROOKE, CATHERINE D.
(B) REGISTRATION NUMBER: 44,041
(C) REFERENCE/DOCKET NUMBER: 0233C3

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: 515-248-4819
(B) TELEFAX: 515-334-6883
(C) TELEX:

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 45 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Lys Ser Cys Cys Arg Ser Thr Leu Gly Arg Asn Cys Tyr Asn Leu Cys
1 5 10 15
Arg Val Arg Gly Ala Gln Lys Leu Cys Ala Gly Val Cys Arg Cys Lys
20 25 30
Leu Thr Ser Ser Gly Lys Cys Pro Thr Gly Phe Pro Lys
35 40 45